

CCR Workshop 3: Water System Data

6/10/99

General Background:

This is a spring-fed ground water system with gravity flow to the distribution system. It serves 41 persons through 21 active service connections. The system is disinfected using hypochlorite.

Water System Information:

Water System Name: Neon, XX

Address: P.O. Box 222

Neon, XX 44444

Contact Person: John Jones, Operator, (406) 765-4321

Board Meetings: First Tuesday of each month at 7:00pm, Ole's Grill

1998 Monitoring Data:

Bacteriological Monitoring Results			
Date	Type of Sample	Number of Samples	Laboratory Result
12/21/98	routine	1	0
11/16/98	routine	1	0
10/28/98	routine	1	0
6/16/98	routine	1	0
5/26/98	routine	1	0
4/14/98	routine	5	0
3/24/98	routine	5	0
2/24/98	4 repeat	5	4
2/17/98	routine	1	+1
1/21/98	routine	1	0

Organic Chemical Contaminants - Sampled in 1998	
Contaminant(s)	Concentration Detected
Picloram	0.072 ppb, 0.068 ppb
Inorganic Chemical Contaminants - Sampled 12/22/98	
Contaminant	Concentration Detected (mg/L)
Barium	0.20
Nitrate	0.08
Cadmium	<0.001
Chromium	<0.005
Fluoride	3.31
Arsenic	0.025
Antimony	0.007

Lead and Copper Rule Compliance		
Required Monitoring	90% Results July 1, 1998	Comments
Once per three years	Pb: 0.006 ppm Cu: 0.22 ppm	5 samples collected, none exceeded AL

CCR Workshop 3: Water System Data Questions

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For the water system data provided in Workshop 3, answer the following questions regarding data that must be reported, method of data presentation, mathematical conversions to CCR units and additional information that must be included.

1. Bacteriological Monitoring Results

- 1a. Given the data provided, indicate what, if any data must be reported in the system's CCR?

- 1b. In what format would the data be presented and how would the columns of the table be labeled, if applicable?

Contaminant					

- 1c. What, if any, additional information is required due to the monitoring results.

2. Organic Chemical Contaminant Data

- 2a. Given the data provided, indicate what, if any data must be reported in the system's CCR?

- 2b. In what format would the data be presented and how would the columns of the table be labeled, if applicable?

Contaminant							

- 2c. What, if any, additional information is required due to the monitoring results?

3. Inorganic Chemical Contaminant Data

- 3a. Given the data provided, indicate what, if any data must be reported in the system's CCR?

3b In what format would the data be presented and how would the columns be labeled, if applicable?

Contaminant							

3c. What, if any, additional information is required due to the monitoring results?

4. Lead and Copper Rule Compliance

4a. Given the data provided, indicate what, if any data must be reported in the system's CCR?

- 4b. In what format would the data be presented and how would the columns be labeled, if applicable?

Contaminant						

- 4c. What, if any, additional information is required due to the monitoring results?

5. Treatment Technique Violations and other violations of NPDWRs

- 5a. Given the data provided, indicate what, if any additional information regarding violations of NPDWR must be reported in the system's CCR? (*Use the following table or generate your own, if needed.*)
